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**DECLARATION AND POWER OF ATTORNEY**  
(Original Application)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**LOW VOLTAGE MODULAR ROOM IONIZATION SYSTEM**

the specification of which is attached hereto and/or was filed on \_\_\_\_\_ as Application No. \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**FOREIGN PRIORITY APPLICATION(S)**

None

(Number)

(Country)

(Day/month/year filed)

**Priority Claimed**

☐ Yes ☐ No

(Number)

(Country)

(Day/month/year filed)

☐ Yes ☐ No

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**Priority Claimed**

☒ Yes ☐ No

(Filing Date)

(Filing Date)

☐ Yes ☐ No

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Full name of sole  
or first inventor William S. Richie, Jr.

Inventor's Signature *William S. Richie, Jr.*

Date 4/4/99

Residence Pennsville, New Jersey

Citizenship United States of America

Post Office Address 4 Fenwick Lane

Pennsville, New Jersey 08070

Full name of second joint  
inventor, if any Richard D. Rodrigo

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Line Lexington, Pennsylvania

Citizenship United States of America

Post Office Address 920 Hilltown Pike

Line Lexington, Pennsylvania 18932

Full name of third joint  
inventor, if any Philip R. Hall

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Ottsville, Pennsylvania

Citizenship United States of America

Post Office Address 3805 Fretz Valley Road

Ottsville, Pennsylvania 18942

COPY

Full name of sole  
or first inventor William S. Richie, Jr.

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence Pennsville, New Jersey

Citizenship United States of America

Post Office Address 4 Fenwick Lane

Pennsville, New Jersey 08070

Full name of second joint  
inventor, if any Richard D. Rodrigo

Inventor's Signature Richard D. Rodrigo

Date March 11, 1999

Residence Line Lexington, Pennsylvania

Citizenship United States of America

Post Office Address 920 Hilltown Pike

Line Lexington, Pennsylvania 18932

Full name of third joint  
inventor, if any Philip R. Hall

Inventor's Signature Philip R. Hall

Date March 11, 1999

Residence Ottsville, Pennsylvania

Citizenship United States of America

Post Office Address 3805 Fretz Valley Road

Ottsville, Pennsylvania 18942

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Attorney Docket No. 384-1U1  
(ITW-8534)

JOINT

## ASSIGNMENT

**WHEREAS**, we, **William S. Richie, Jr., Richard D. Rodrigo and Philip R. Hall**, with respective post office addresses and citizenships of :

1. 4 Fenwick Lane  
Pennsville, New Jersey 08070  
Citizenship: United States of America
2. 920 Hilltown Pike  
Line Lexington, Pennsylvania 18932  
Citizenship: United States of America
3. 3805 Fretz Valley Road  
Ottsville, Pennsylvania 18942  
Citizenship: United States of America

hereinafter generally referred to as "ASSIGNORS," have invented a certain new and useful

## **LOW VOLTAGE MODULAR ROOM IONIZATION SYSTEM**

for which we have executed a United States patent application, Application No. \_\_\_\_\_, filed \_\_\_\_\_, 19\_\_\_\_, and

**ASSIGNORS** authorize **ASSIGNEE** or **ASSIGNEE's** representative to insert the Application Number and Filing date of this application if they are unknown at the time of execution of this Assignment.

**WHEREAS**, **Illinois Tool Works Inc.**, a Delaware corporation having a place of business at 3600 West Lake Avenue, Glenview, Illinois 60065, hereinafter generally referred to as "**ASSIGNEE**", is desirous of acquiring said invention and said patent application.

**NOW, THEREFORE**, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged and intending to be legally bound hereby, we, the undersigned **ASSIGNORS**, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named **ASSIGNEE**, the whole and entire right, title and interest

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in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and


in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

4/4/99  
\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Date)

  
\_\_\_\_\_  
William S. Richie, Jr. (Seal)

\_\_\_\_\_  
Richard D. Rodrigo (Seal)

\_\_\_\_\_  
Philip R. Hall (Seal)

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in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

\_\_\_\_\_  
(Date)

*March 11, 1999*

\_\_\_\_\_  
(Date)

*March 11, 1999*

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
William S. Richie, Jr.

(Seal)

*Richard D. Rodrigo*  
Richard D. Rodrigo

(Seal)

*Philip R. Hall*  
Philip R. Hall

(Seal)

STATE OF New Jersey :  
COUNTY OF Salem : ss.

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Before me, a notary public in and for the State and County aforesaid, on this 4<sup>th</sup> day of April, 1999, personally appeared **William S. Richie, Jr.**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

JANUARY M. MADARA  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Sept. 02, 2002

January M. Madara  
Notary Public

My Commission Expires: 09/02/02

STATE OF \_\_\_\_\_ :  
COUNTY OF \_\_\_\_\_ : ss.

Before me, a notary public in and for the State and County aforesaid, on this \_\_\_\_ day of \_\_\_\_\_, 1999, personally appeared **Richard D. Rodrigo**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

\_\_\_\_\_  
Notary Public

My Commission Expires:



COPY

STATE OF \_\_\_\_\_ :  
: SS.  
COUNTY OF \_\_\_\_\_ :

Before me, a notary public in and for the State and County aforesaid, on this \_\_\_\_ day of \_\_\_\_\_, 1999, personally appeared **William S. Richie, Jr.**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

\_\_\_\_\_  
Notary Public

My Commission Expires:

STATE OF PA :  
: SS.  
COUNTY OF Montgomery :

Before me, a notary public in and for the State and County aforesaid, on this 11 day of MARCH, 1999, personally appeared **Richard D. Rodrigo**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Donna Borzillo  
Notary Public  
NOTARIAL SEAL  
DONNA BORZILLO, Notary Public  
Souderton Boro, Montgomery County  
My Commission Expires Dec. 2, 2002

COPY

STATE OF PA :  
COUNTY OF Montgomery : ss.

Before me, a notary public in and for the State and County aforesaid, on this 11 day of March, 1999, personally appeared **Philip R. Hall**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Donna Borzillo

Notary Public

NOTARIAL SEAL  
DONNA BORZILLO, Notary Public  
My Commission Expires Dec. 2, 2002